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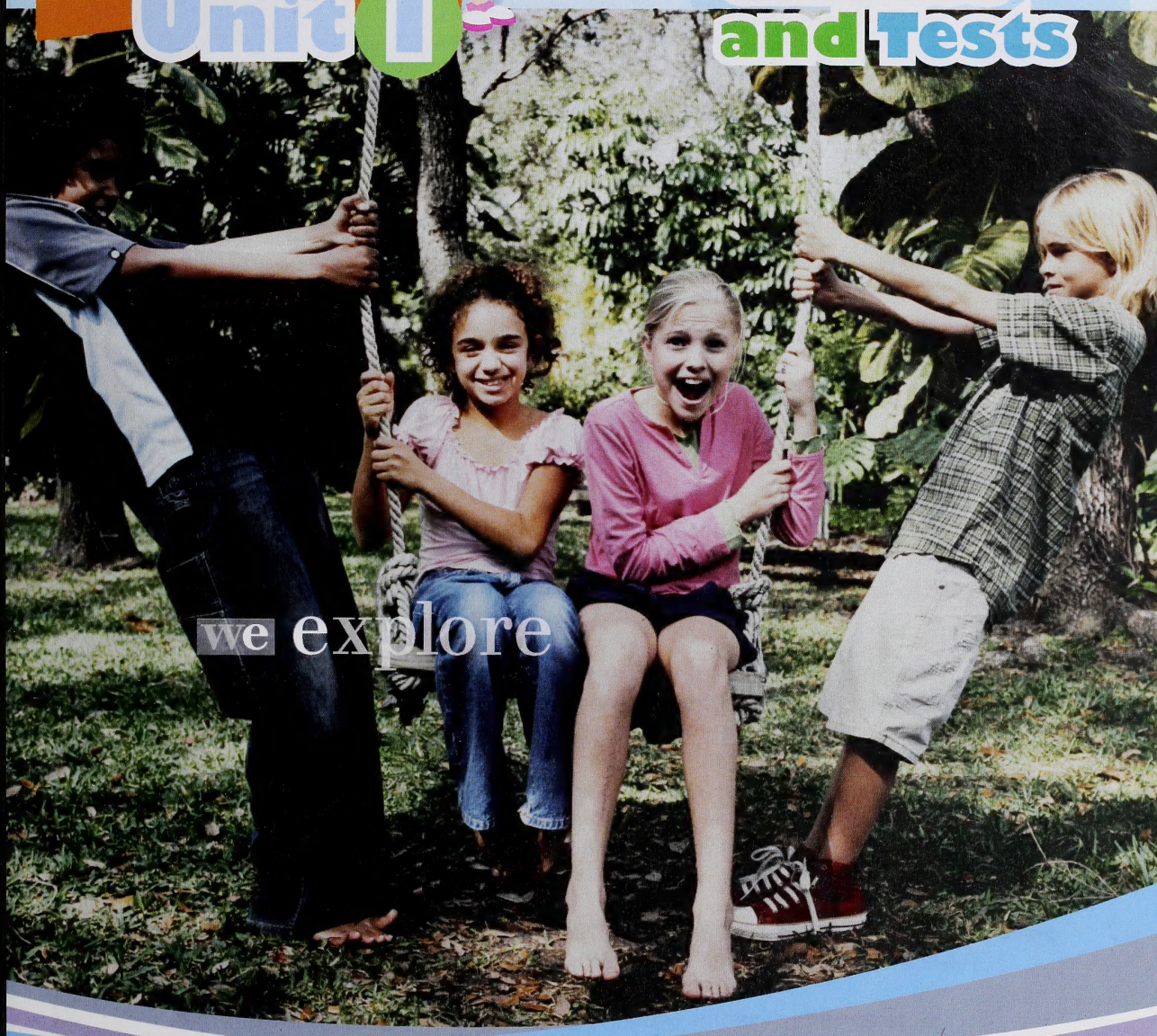
LearnEveryWare

Math 5 Unit 1

Quizzes and Tests



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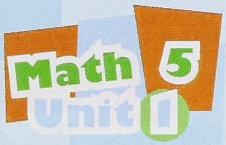

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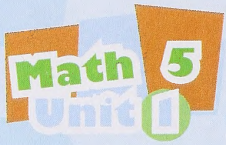

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Math 5
Unit 1

Quiz
Lesson 1

Numbers Large and Small

For 1 - 4: Write each of the following numbers in standard form.

1. 340200

2. 9023758

3. 8369201

4. 580723

For 5 - 6: Complete the following by circling the correct answer.

5. Each digit's value is ____ times the value of the number to the right of it.

   a. 10
   b. 100
   c. 1 000
   d. 1 000 000

6. Where would you most likely find a large number in print?

   a. Cartoon pages of a newspaper
   b. The score at a soccer game
   c. Kilometres you drive to visit your family in the next city
   d. An article on the statistics for global economy

Math 5 Unit 1

Quiz Lesson 2

Place Value

Quiz
Lesson 2: Place Value

Materials: Place Value Charts from the back of this Unit in your Workbook

For 1 - 2: Write the following in standard form. Remember to use a place value chart if you need to.

1. twenty three thousand, one hundred three

2. 5 000 000 + 200 000 + 7 000 + 40 + 3

For 3 - 5: Write the following in expanded notation:

3. 1 300 750

4. 4 829

5. 582 600

Math 5 Unit 1

Quiz Lesson 3

Estimation

Quiz
Lesson 3: Estimation

For 1 - 3: Estimate the answers to the following problems using front-end rounding.

1. $\begin{array}{r} 3\,899 \\ +1\,203 \\ \hline \end{array}$

2. $\begin{array}{r} 6\,243 \\ +5\,648 \\ \hline \end{array}$

3. $\begin{array}{r} 1\,762 \\ -\ 641 \\ \hline \end{array}$

For 4 - 5: Find the sum of the following questions using compensation.

4. $27 + 43$

5. $99 + 101$

For 6 - 7: Estimate the answer to each division problem using compatible numbers.

6. $6\,321 \div 2$

7. $9\,964 \div 2$

Math 5 Unit 0

Quiz Lesson 4

Mental Math

Quiz
Lesson 4: Mental Math

For 1 - 2: Complete the following by skip counting:

1. Skip count by threes to complete:

6			21		

2. Skip count by fours to complete:

12			32		48

For 3 - 5: Use the mental math strategies of doubling and halving, and patterns with 9s to solve.

3. 4 x 5 = _____ 4. 7 x 4 = _____ 5. 4 x 9 = _____

For 6 - 8: Use the mental math strategies of annexing and distributive properties to solve.

6. 77 x 8 = _____ 7. 20 x 9 = _____ 8. 32 x 6 = _____

Math 5 Unit 0

Quiz Lesson 5

Fraction Models

Materials: Fraction Strips

1. In a bag there are 4 green marbles and 7 blue marbles.
   a. What is the total number of marbles in the bag? _____
   b. How many are green? _____ How many are blue? _____
   c. What fraction of the marbles is green? _____
   d. What fraction of the marbles is blue? _____

2. Write a fraction for the shaded part of the circle. _____

3. Compare the following fractions. Complete with <, > or =. Use fraction strips from the back of your workbook.

   $\frac{1}{2}$ _____ $\frac{4}{7}$

4. Order the following fractions from least to greatest. Use fraction strips, a pictorial representation or other concrete models to solve.

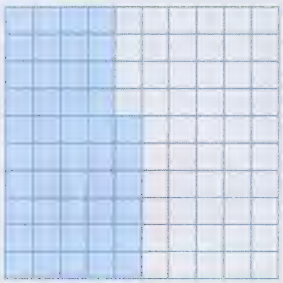
   $\frac{4}{6}, \frac{3}{8}, \frac{2}{5}$ _____

Math 5 Unit 1

Quiz Lesson 6

Parts of a Whole — Decimals

For 1 - 2: Use the picture to answer the questions.



1. Write a decimal for the shaded part of the picture.

   _____

2. Write a fraction for the shaded part of the picture.

   _____

For 3 - 4: Write each decimal as a fraction.

3. 0.05 = _____

4. 0.023 = _____

For 5 - 6: Write each fraction as a decimal.

5. $\frac{7}{1\,000}$ = _____

6. $\frac{12}{100}$ = _____

Math 5

Unit 1

Quiz 1
Lesson 7

Place Value — Decimals

Quiz
Lesson 7: Place Value — Decimals

1. Are the two decimals equivalent? Write equivalent or not equivalent.

   0.021

   0.21

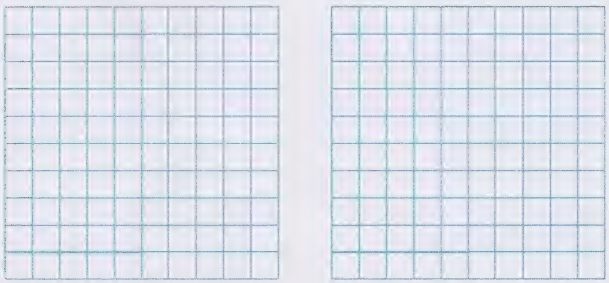
   _____

2. Write two equivalent decimals for 0.3.

   _____

For 3 - 4: Compare using <, >, or =. Use the grids or place value chart provided.

3. 0.05 _____ 0.15



4. 0.4 _____ 0.405

Ones	•	Tenths	Hundredths	Thousandths
	•			
	•			

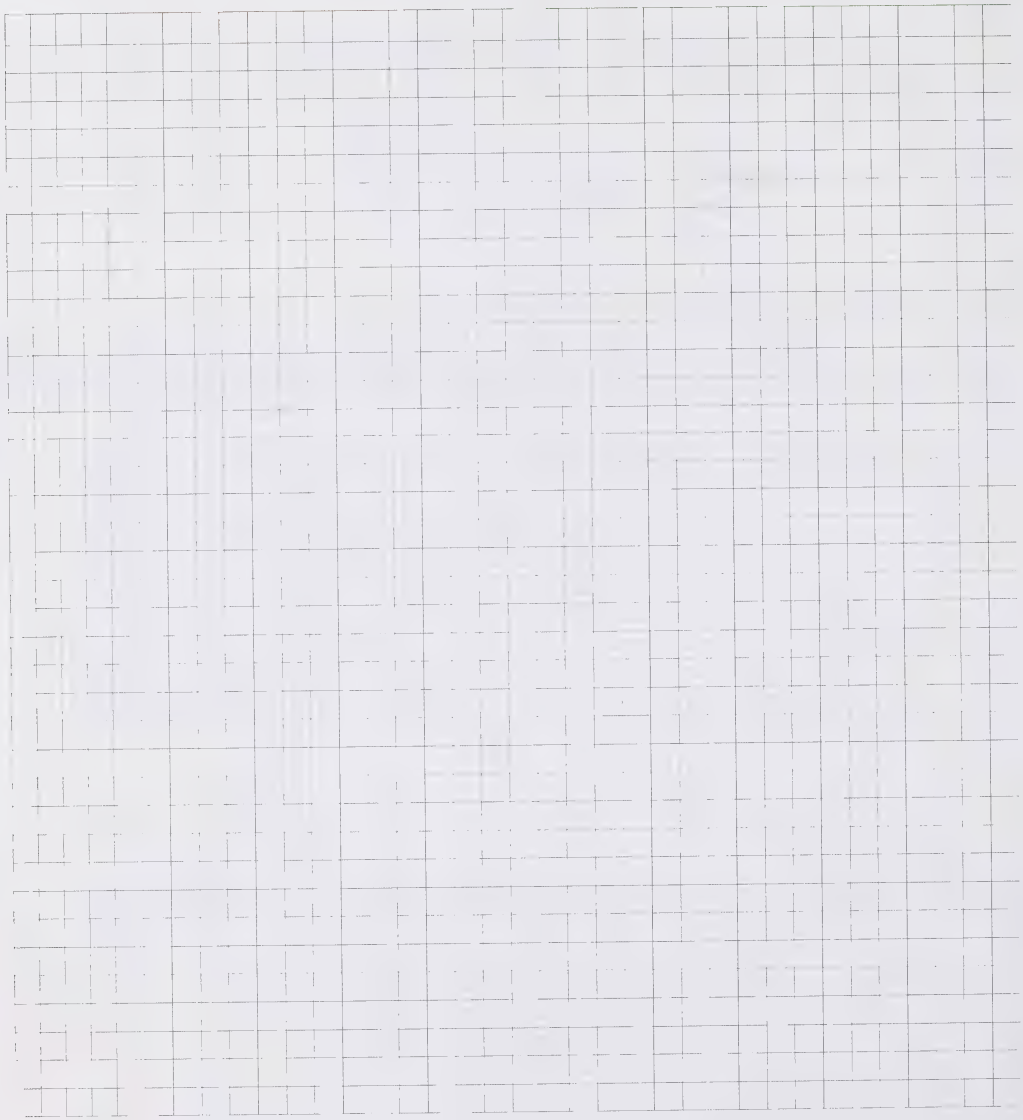
For 5 - 6: Use the number line or place value chart to order the decimal from least to greatest.

5. 0.89, 0.90, 0.98, 0.8

6. 0.234, 0.32, 0.04, 0.4, 0.23

Ones	•	Tenths	Hundredths	Thousandths
	•			
	•			
	•			
	•			
	•			

Quiz
Lesson 7: Place Value — Decimals



Math 5

Unit 1

Test

Lessons 1 - 7

Test: Lessons 1-7

Materials: Place Value Charts and Tables from the back of this Unit in your Workbook
Fraction Strips, Current magazine or newspaper

For 1 - 2: Write the following in standard form. Remember to use a place value chart if you need to.

1. one hundred eighty thousand two hundred thirty-four

2. 8 000 000 + 300 000 + 5 000 + 70 + 2

For 3 - 5: Write the following in expanded form. Remember, you can use a place value chart if you need to.

3. 2 600 350

4. 7 296

5. 129 700

6. What would the value of the number 8 be in the following chart?

_____

Millions	Hundred Thousandths	Ten Thousands	Thousands	Hundreds	Tens	Ones
2	3	1	8	4	0	5

For 7 - 8: Using a current magazine or newspaper, find large numbers that fit the following descriptions, and name their source.

7. Write a number whose hundred thousands place is 9. Underline the hundred thousands place.

8. Write a number that has a value greater than 100 000.

For 9 - 11: Estimate the answers to the following problems using front-end rounding.

9. $\begin{array}{r} 3\,428 \\ +\ 1\,501 \\ \hline \end{array}$

10. $\begin{array}{r} 8\,192 \\ +\ 3\,736 \\ \hline \end{array}$

11. $\begin{array}{r} 1\,823 \\ -\ 719 \\ \hline \end{array}$

For 12 - 13: Use the compensation strategy to solve the following problems.

12. 36 + 54 =

13. 89 + 171 =

For 14 - 15: Estimate the answer to the following problems using compatible numbers.

14. 6 297 ÷ 2

15. 9 964 ÷ 5

For 16 - 17: Complete the following by skip counting.

16. Skip count by fours to complete:

40									

17. Skip count by eights to complete:

32									104

For 18 - 23: Answer the following using mental math strategies of doubles, halving and doubling, patterns with 9s, distributive property and annexing.

18. 5 x 9 _____

19. 4 x 8 _____

20. 47 x 6 = _____

21. 9 x 120 = _____

22. 36 x 10 = _____

23. 500 x 8 = _____

For 24 – 32: Use the given figure to answer the following questions.

24. What is the total number of parts of the circle? _____

25. What fraction of the circle is shaded? _____

26. What fraction of the circle is not shaded? _____

For 27 - 28: Compare the following fractions. Complete with <, >, =. Use fraction strips, a pictorial representation or other concrete models to solve.

27. $\frac{1}{3}$ _____ $\frac{1}{2}$

28. $\frac{4}{7}$ _____ $\frac{5}{8}$

For 29: Order the fractions from least to greatest. Use fraction strips, a pictorial representation or other concrete models to solve.

29. $\frac{7}{10}, \frac{4}{10}, \frac{1}{2}$ _____

For 30 - 31: Write each decimal as a fraction.

30. 0.24 = _____

31. 0.03 = _____

For 32 - 33: Write each fraction as a decimal.

32. $\frac{8}{100}$ = _____

33. $\frac{3}{10}$ = _____

For 34 - 35: Compare using <, >, or =. Use pictorial representations or Place Value Tables to solve.

34. 0.53 _____ 0.35

35. 0.4 _____ 0.6

For 36. Use the number line or a Place Value Table to order the decimals from least to greatest.

36. 0.54, 0.50, 0.45, 0.55 _____

Math 5 Unit 1

Quiz Lesson 8

Adding Decimals

Quiz
Lesson 8: Adding Decimals

For 1 - 3: Add.

1. $\begin{array}{r} 6.782 \\ +3.214 \\ \hline \end{array}$

2. $\begin{array}{r} 8.23 \\ +3.162 \\ \hline \end{array}$

3. $\begin{array}{r} 8.736 \\ +6.845 \\ \hline \end{array}$

For 4 - 5: Align and add.

4. 5.421 + 7.433

5. 9.302 + 2.98

For 6: Write a number sentence for the following problem. Solve.

6. Lian walks 2.324 kilometres to Alyssa's house and both girls walk 1.548 km to Nina's house. How far did Lian walk in total?

Math 5 Unit 0

Quiz Lesson 9

Subtracting Decimals

Quiz
Lesson 9: Subtracting Decimals

For 1 - 6: Subtract. Check using addition. Show your work.

1. $\begin{array}{r} 5.738 \\ -2.517 \\ \hline \end{array}$

2. $\begin{array}{r} 8.309 \\ -4.217 \\ \hline \end{array}$

3. $\begin{array}{r} 12.438 \\ -\ 9.529 \\ \hline \end{array}$

4. $\begin{array}{r} 3.294 \\ -1.135 \\ \hline \end{array}$

5. 8.75 – 2.546

6. 3.546 – 1.28

Math 5

Unit 1

Quiz
Lesson 10

Multiplication

Quiz
Lesson 10: Multiplication

For 1 - 5: Multiply. Use estimation to check your work.

1. 42 x 20

2. 62 x 12

3. 54 x 25

4. 72 x 17

5. 79 x 34

For 6: Write a number sentence for the following problem. Solve.

6. At the movie theatre there are 48 seats in each row. There are 32 rows of seats. How many seats are in the theatre?

Math 5

Unit 1

Quiz
Lesson 11

Division

Quiz
Lesson 11: Division

For 1 - 4: Divide. Check by multiplication. Show your work.

1. 126 ÷ 9

2. 224 ÷ 4

3. 187 ÷ 9

4. 265 ÷ 3

For 5: Write a number sentence for the following problem. Solve. Show your work.

5. The elementary school is setting up chairs in the cafeteria for a parent meeting. They need 220 chairs. There is room for 9 rows. How many chairs will be left over after making 9 rows with the same number of chairs in each row?

Math 5

Unit 0

Test

Lessons 8 - 11

Test: Lessons 8-11

For 1 - 6: Add. Check by estimation. Show your work.

1. $\begin{array}{r} 5.362 \\ +\ 4.234 \\ \hline \end{array}$

2. $\begin{array}{r} 7.534 \\ +\ 4.162 \\ \hline \end{array}$

3. $\begin{array}{r} 9.627 \\ +\ 8.745 \\ \hline \end{array}$

4. 5.627 + 9.632

5. 7.405 + 5.27

6. 3.635 + 7.465

For 7 – 12: Subtract. Check by addition. Show your work.

7. $\begin{array}{r} 4.958 \\ -\ 2.517 \\ \hline \end{array}$

8. $\begin{array}{r} 8.238 \\ -\ 5.175 \\ \hline \end{array}$

9. $\begin{array}{r} 14.537 \\ -\ 9.529 \\ \hline \end{array}$

10. $\begin{array}{r} 5.683 \\ -\ 1.135 \\ \hline \end{array}$

11. 6.25 – 2.546

12. 3.489 – 1.28

For 13 - 18: Multiply. Check by estimation. Show your work.

13. 34 x 20

14. 41 x 12

15. 37 x 25

16. 82 x 17

17. 17 x 15

18. 49 x 27

For 19: Write a number sentence for the following problem. Solve.

19. There are 45 rows of seats in the new school auditorium. There are 34 seats in each row. How many seats are in the auditorium?

For 20 - 23: Divide. Check by multiplication. Show your work.

20. 162 ÷ 9

21. 268 ÷ 4

22. 94 ÷ 9

23. 59 ÷ 3

For 24 - 25: Write a number sentence for the following problems. Solve. Show your work.

24. The elementary school is setting up chairs in the cafeteria for a parent meeting. They need 220 chairs. There is room for 9 rows. How many chairs will be in each row?

25. The day care centre is having a field trip to the local fire department. There are 131 children in total and 8 students can fit in each van. How many students will be in the partially filled van?

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